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Approved For Release ~~TOP SECRET~~ CIA-RDP78T04759A009600010026-4

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9 September 1970

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MEMORANDUM FOR: [ ] NSA

SUBJECT : HF/DF FIX Antennas near Sevastopol and Arsenyev in  
the USSR [ ]

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REFERENCES : NSA/SPO-R-164/70  
(NPIC/IEG/SD/EB Project 250797)

1. This memorandum responds to an NSA request for the identification and, if possible, a description of each high frequency/direction finding (HF/DF) FIX 24 antenna facility reported to be located near the following urban locations in the USSR [ ] Sevastopol and Arsenyev in the USSR, [ ]

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2. The possible locations of the facilities were determined by NSA from informal talks with FTD representatives, from COMINT reports, and from the listings of facilities in PROJECT YELLOW TAG, Volumes 2, 3, 4, and 5, Electronics Defense Laboratories (TOP SECRET [ ]). The specific requirement also requests a negation date of each HF/DF FIX 24 where feasible. Negation dates could not be established for the facilities due to the lack of high-resolution photography at the time they were constructed.

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3. The facilities, as identified in the above-referenced search locations, are described below.

a. The Sevastopol HF/DF FIX 24 antenna facility can be identified on photography of [ ]. The facility is located 4.0 nm southeast of Sevastopol, USSR, at 44-33-10N 033-33-30E (BE None). The facility consists of an HF/DF FIX 24 antenna, a dismantled HF/DF antenna, and a dismantled HF/DF THICK 8 antenna. An HF communications facility (BE None) adjacent to the HF/DF FIX 24 antenna consists of one control building, seven support buildings, at least 10 possible horizontal dipoles, and other possible antennas of unidentified configuration. Interpretability of photography does not permit antenna orientations to be determined.

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b. The Arsenyev HF/DF FIX 24 antenna facility can be identified on photography of [redacted]. The facility is located 3.0 nm northeast of Arsenyev, USSR, at 44-10-30N 133-19-30E (BE None). The facility consists of an HF/DF FIX 24 antenna and an associated HF communications facility (BE None). The communications facility consists of a control building and eight single rhombic antennas. The rhombic antennas have propagation azimuths of [redacted] 100, 170, 210, [redacted] and 230 degrees of azimuth, respectively.

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4. This project is considered complete. Any further inquiries should be directed to [redacted] NPIC/IEG/SD/EB, IDS Code 143,

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Chief, Imagery Exploitation Group  
NPIC

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